

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094257.D
 Acq On : 7 Apr 2017 6:55
 Operator : SJ/MA
 Sample : I2542-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Apr 07 07:20:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

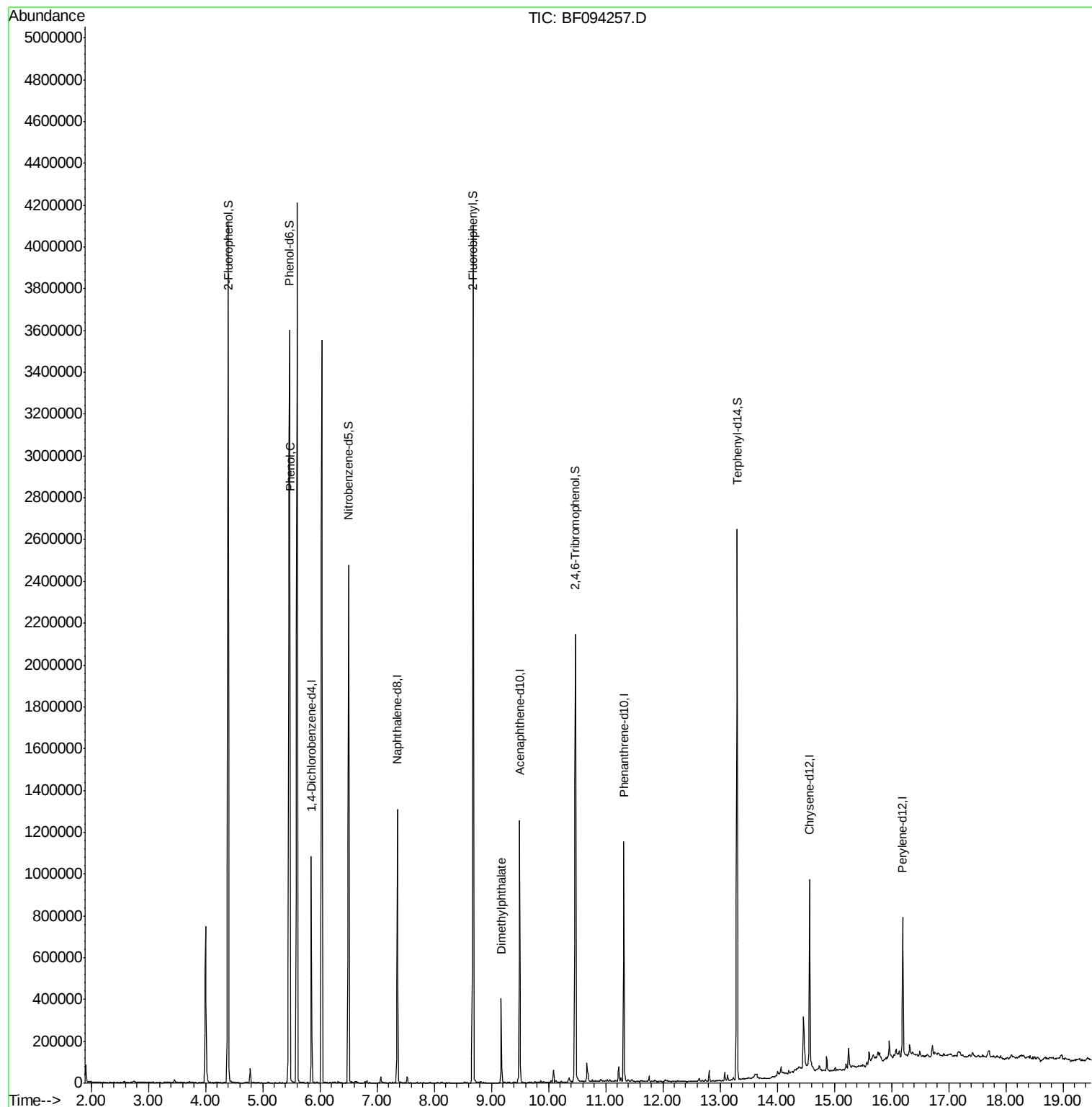
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	167109	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	662541	20.00	ng	0.00
38) Acenaphthene-d10	9.49	164	288894	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	457235	20.00	ng	0.00
75) Chrysene-d12	14.57	240	308272	20.00	ng	0.00
86) Perylene-d12	16.20	264	267679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1345722	136.02	ng	0.01
7) Phenol-d6	5.47	99	1726277	141.04	ng	0.00
23) Nitrobenzene-d5	6.50	82	1075031	92.60	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	311004	136.23	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1604031	84.69	ng	0.00
78) Terphenyl-d14	13.30	244	1007950	73.29	ng	0.00
Target Compounds						
10) Phenol	5.48	94	121578	8.73	ng	86
49) Dimethylphthalate	9.17	163	172359	8.39	ng	99

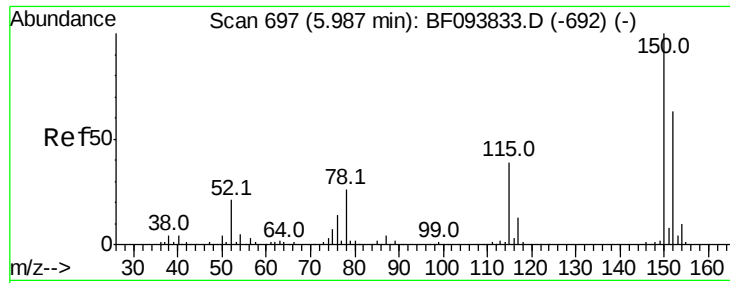
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

Instrument :

BNA_F

ClientSampleId :

COMP-1

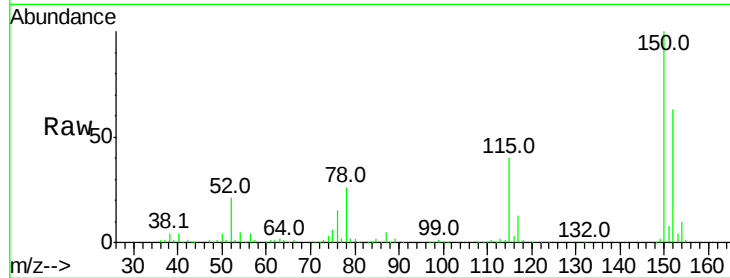
Tot Ion:152 Resp: 167109

Ion Ratio Lower Upper

152 100

150 157.6 126.2 189.2

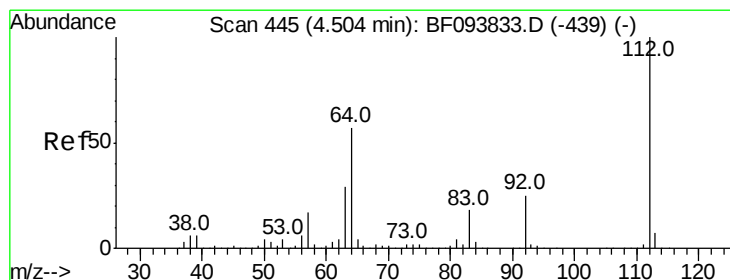
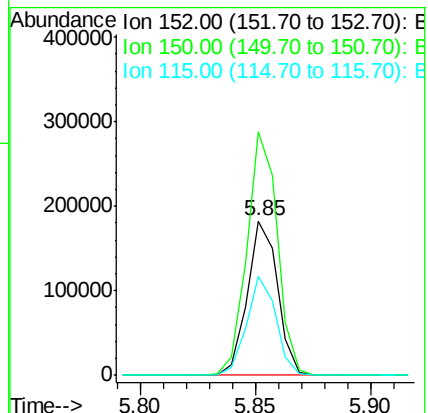
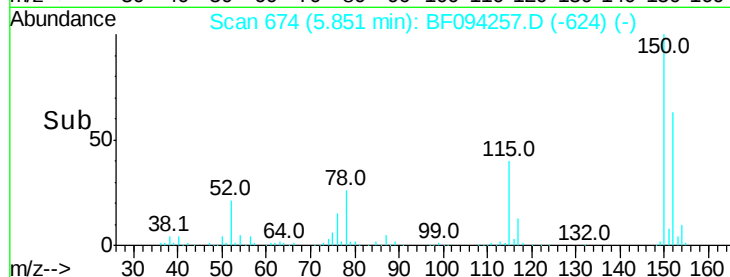
115 63.7 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 136.02 ng

RT: 4.40 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

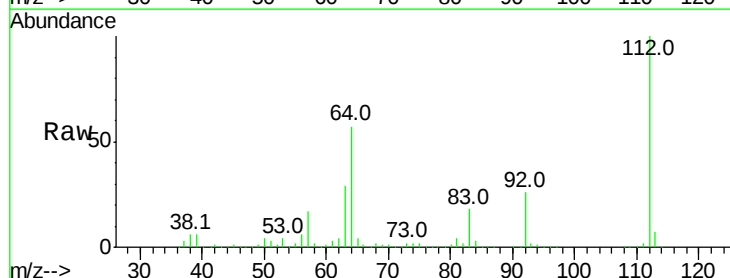
Tgt Ion:112 Resp: 1345722

Ion Ratio Lower Upper

112 100

64 57.5 46.0 69.0

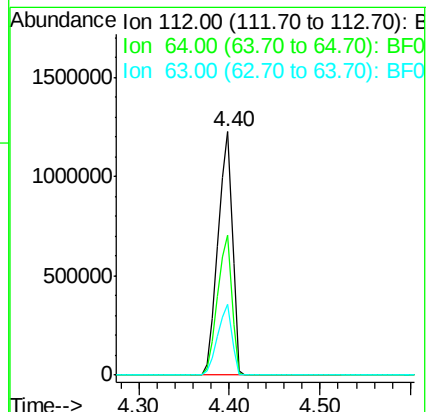
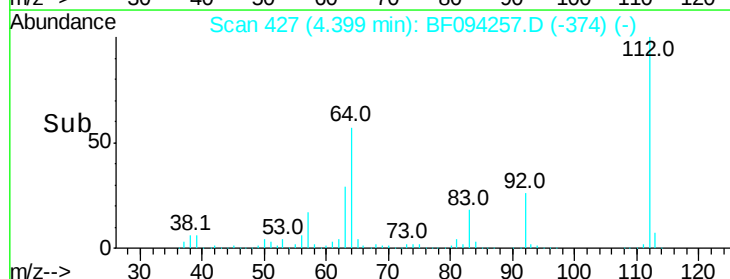
63 29.0 23.4 35.0

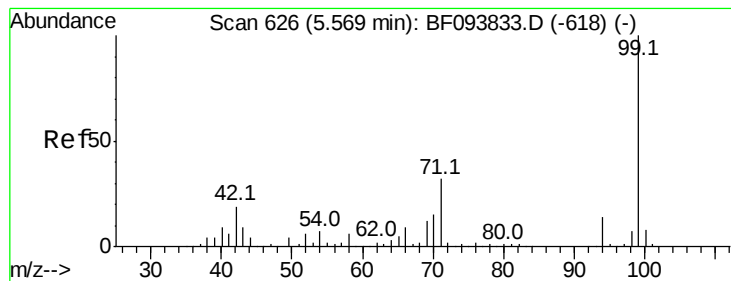


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.04 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

Instrument :

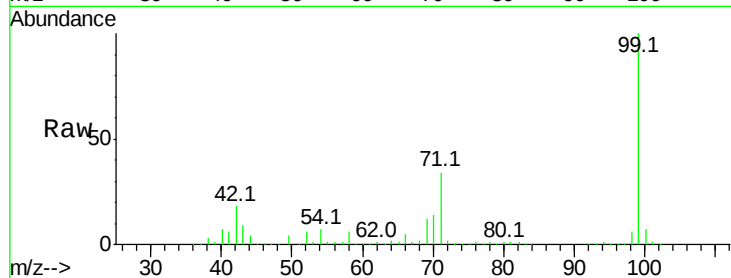
BNA_F

ClientSampleId :

COMP-1

Tot Ion: 99 Resp: 1726277

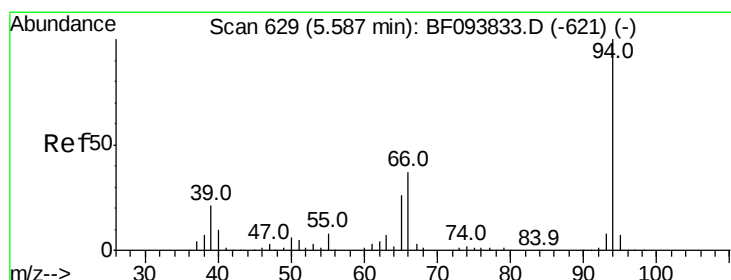
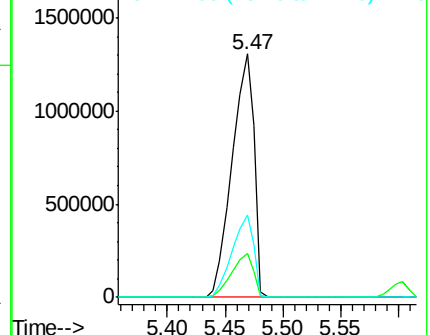
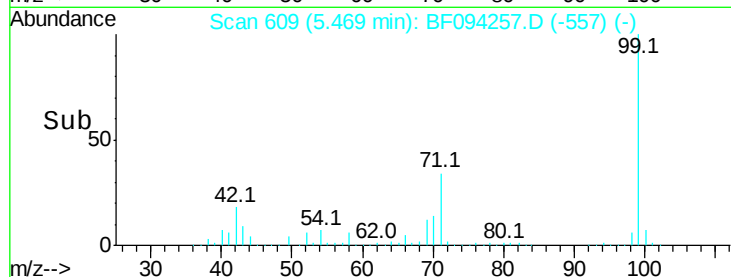
Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.5	20.3
71	34.1	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 8.73 ng

RT: 5.48 min Scan# 611

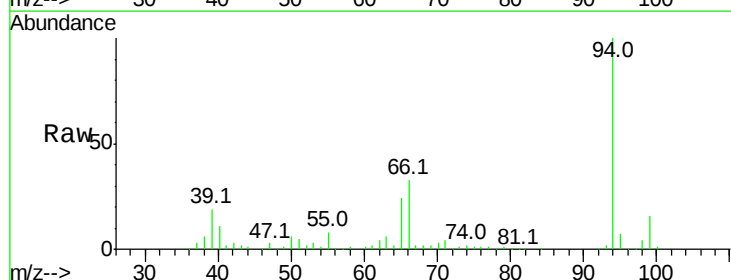
Delta R.T. -0.00 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

Tgt Ion: 94 Resp: 121578

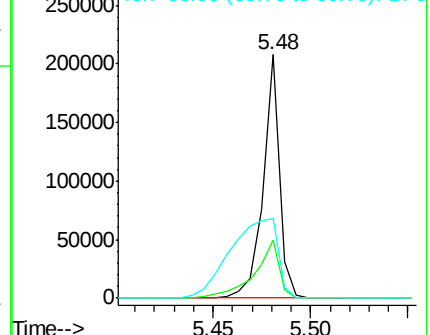
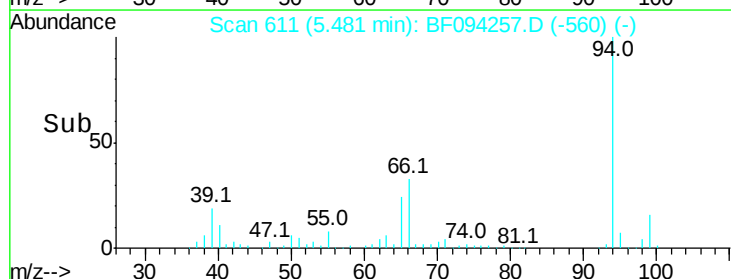
Ion	Ratio	Lower	Upper
94	100		
65	24.1	9.9	49.9
66	32.9	23.1	63.1

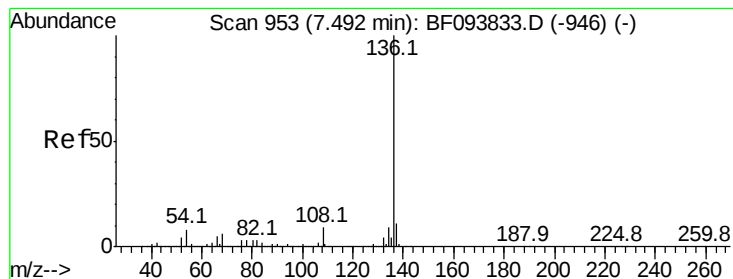


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

Instrument :

BNA_F

ClientSampled :

COMP-1

Tot Ion:136 Resp: 662541

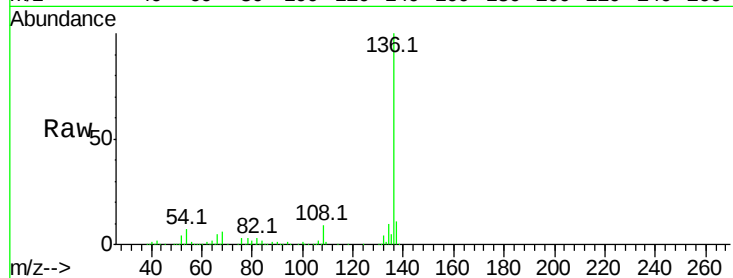
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.2 4.9 7.3

68 5.8 4.1 6.1

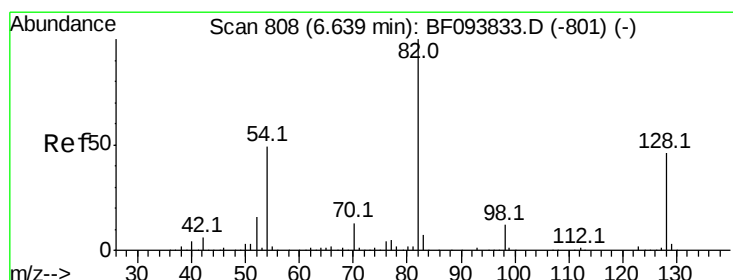
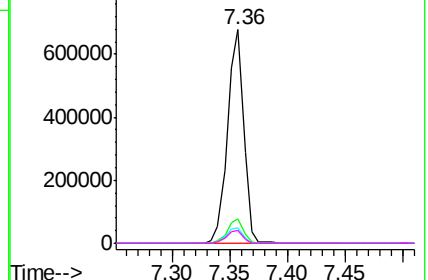
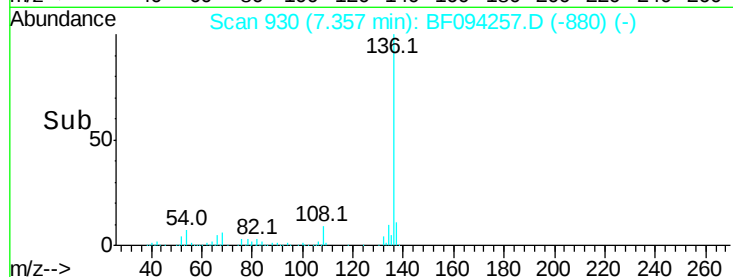


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 92.60 ng

RT: 6.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

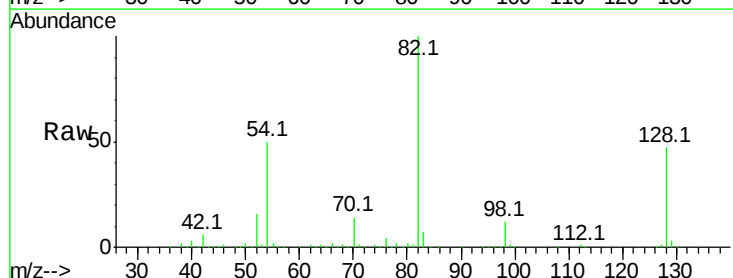
Tgt Ion: 82 Resp: 1075031

Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

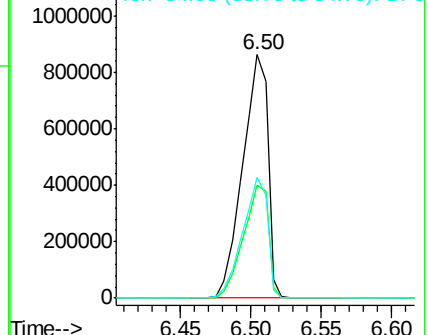
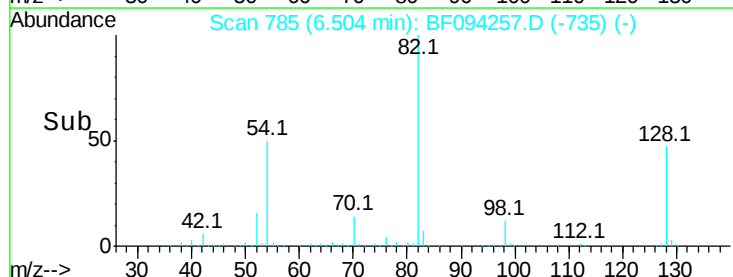
54 49.7 42.2 63.2

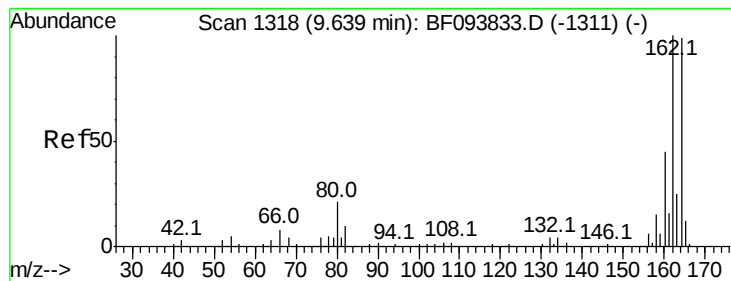


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

Instrument :

BNA_F

ClientSampleId :

COMP-1

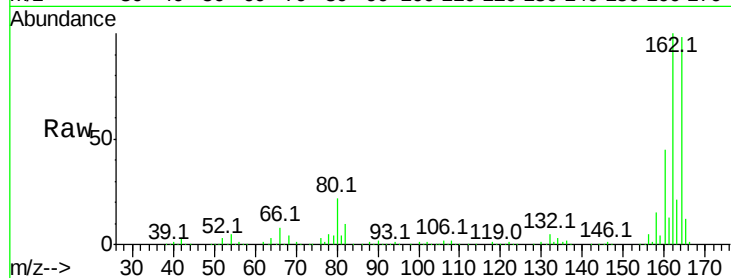
Tot Ion:164 Resp: 288894

Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

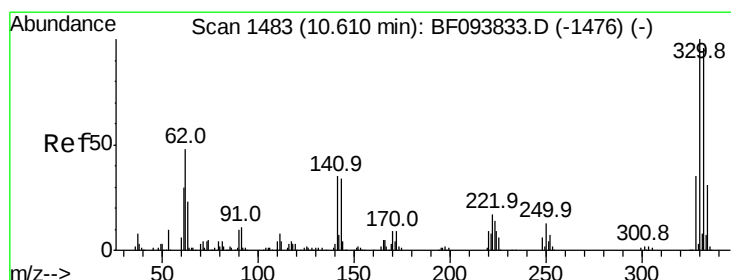
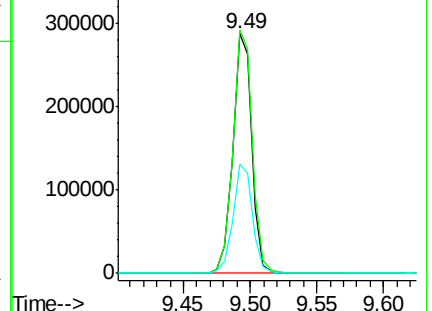
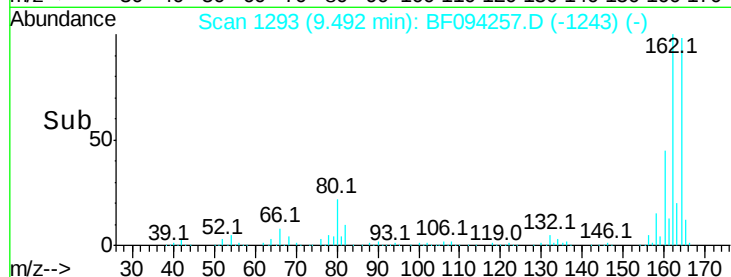
160 45.6 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 136.23 ng

RT: 10.47 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

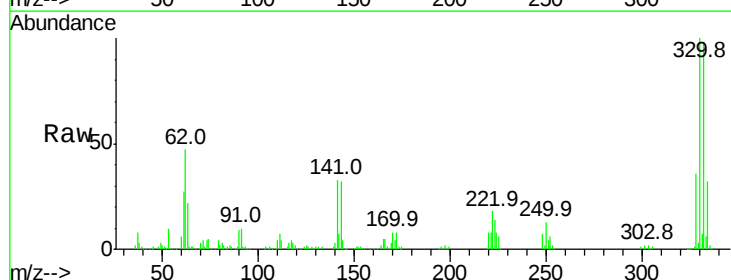
Tgt Ion:330 Resp: 311004

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

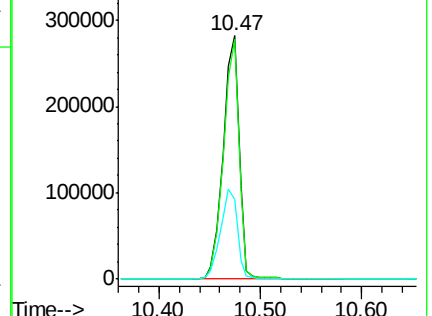
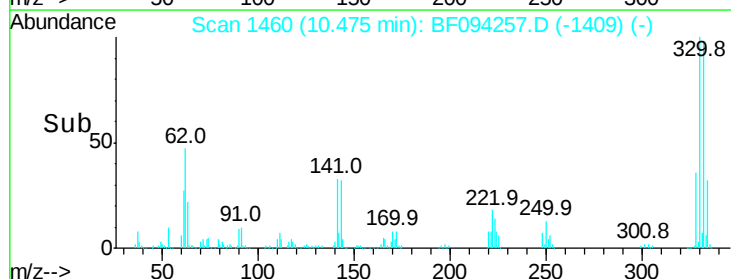
141 39.2 31.4 47.2

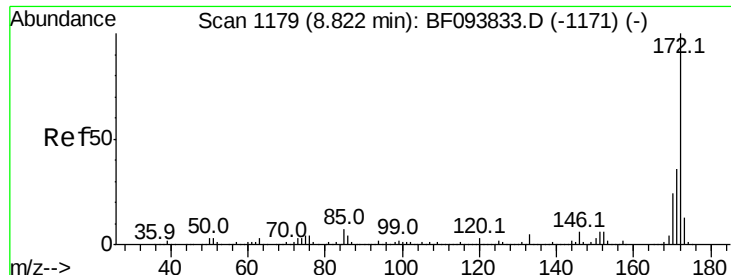


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

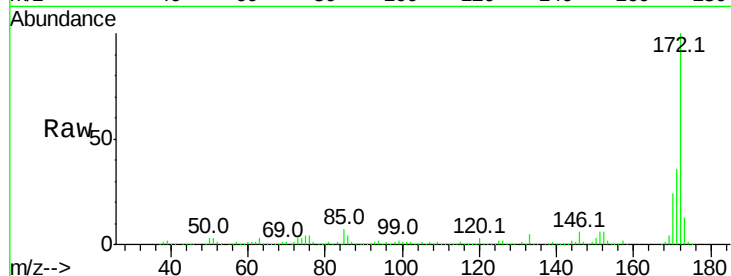




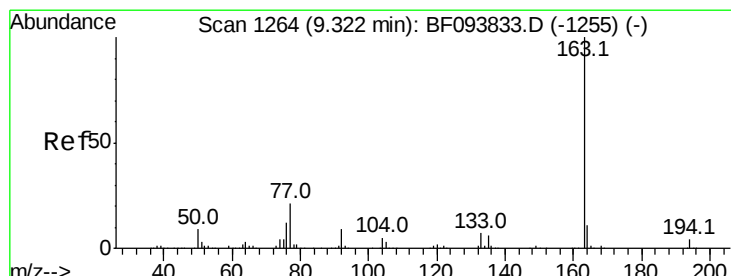
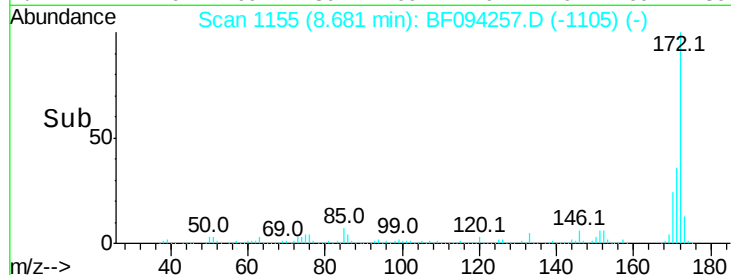
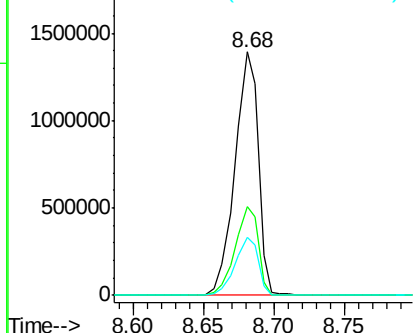
#44
2-Fluorobiphenyl
Concen: 84.69 ng
RT: 8.68 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF094257.D
Acq: 7 Apr 2017 6:55

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion:172 Resp: 1604031
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.0 19.8 29.8

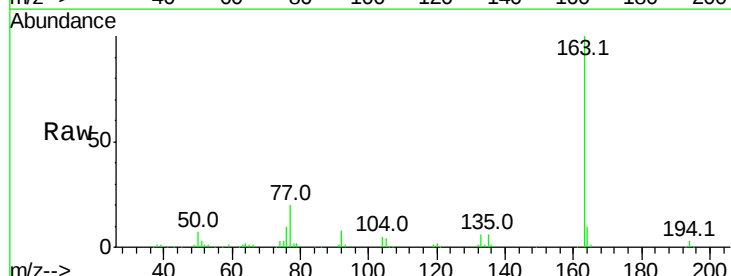


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

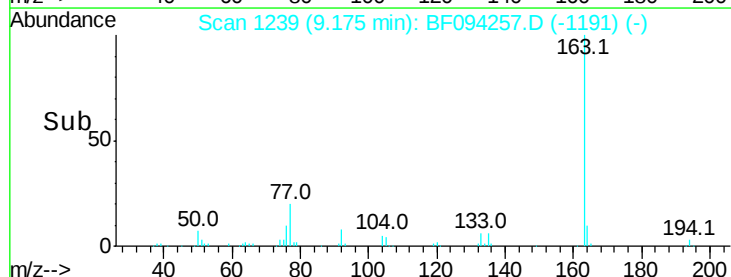
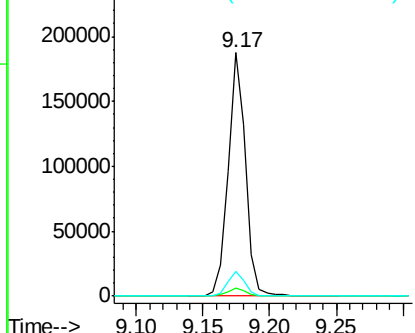


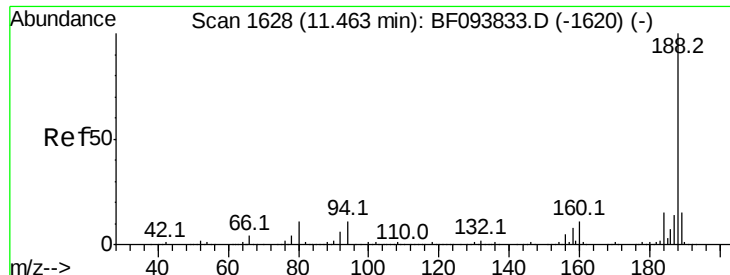
#49
Dimethylphthalate
Concen: 8.39 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF094257.D
Acq: 7 Apr 2017 6:55

Tgt Ion:163 Resp: 172359
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

Instrument :

BNA_F

ClientSampleId :

COMP-1

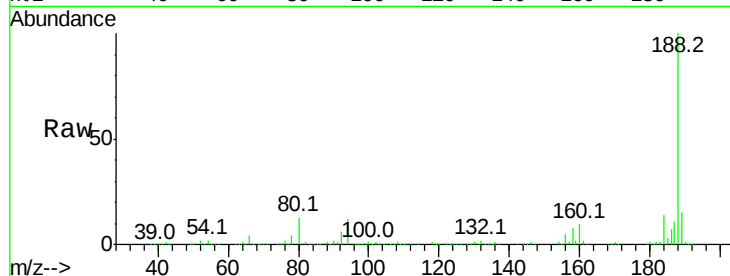
Tot Ion:188 Resp: 457235

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.2

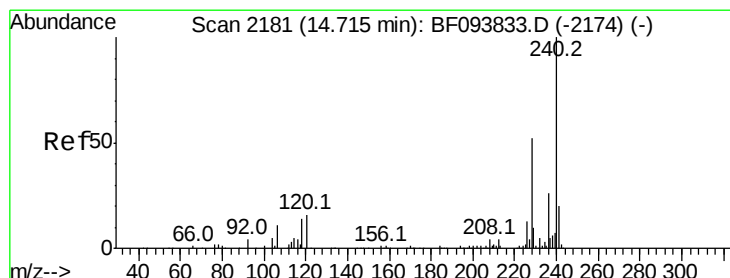
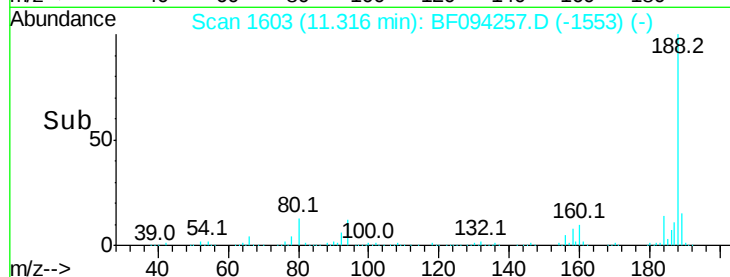
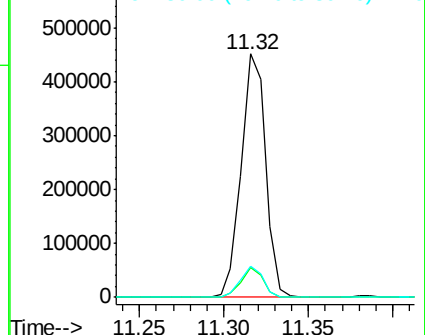
80 12.6 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF094257.D

Acq: 7 Apr 2017 6:55

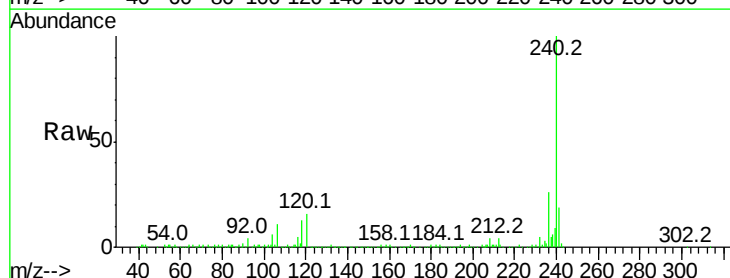
Tgt Ion:240 Resp: 308272

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

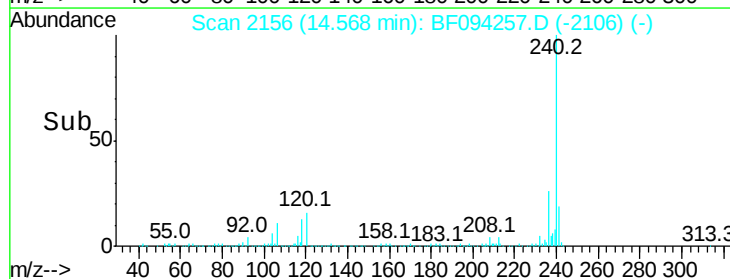
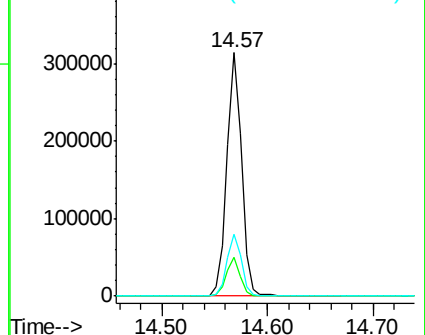
236 25.6 20.5 30.7

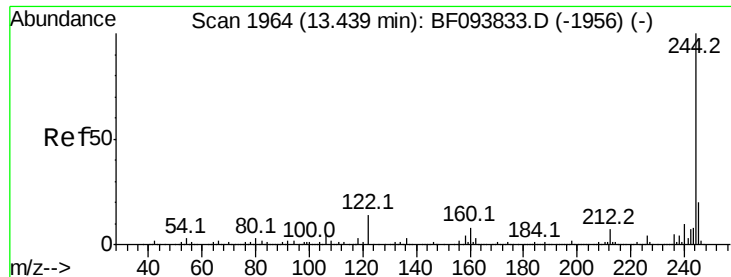


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

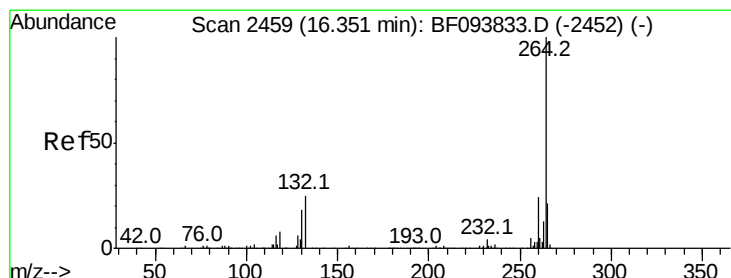
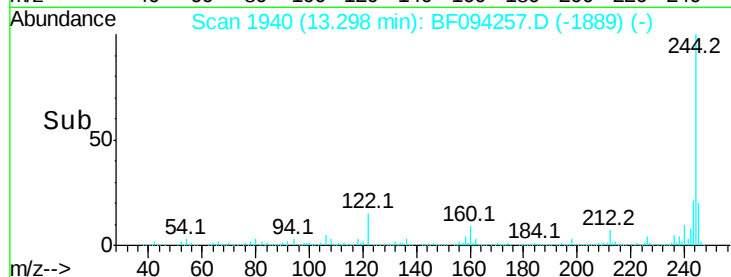
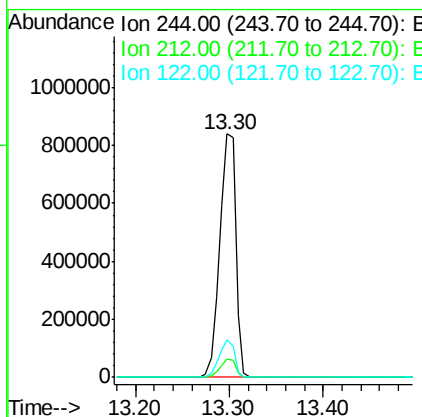
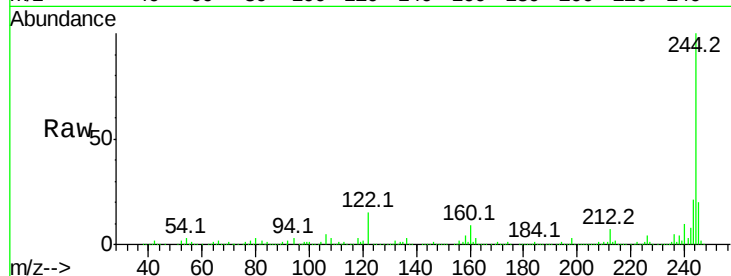




#78
 Terphenyl-d14
 Concen: 73.29 ng
 RT: 13.30 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BF094257.D
 Acq: 7 Apr 2017 6:55

Instrument :
 BNA_F
 ClientSampled :
 COMP-1

Tot Ion:244 Resp: 1007950
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 15.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2433
 Delta R.T. 0.01 min
 Lab File: BF094257.D
 Acq: 7 Apr 2017 6:55

Tgt Ion:264 Resp: 267679
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.0 17.2 25.8

